

**RECEIVED  
CENTRAL FAX CENTER**

JAN 07 2005

TACHYON.039A

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/407,645  
Applicant : Bruce L. Carneal, et al.  
Filed : September 28, 1999  
For : METHOD AND SYSTEM FOR  
FREQUENCY SPECTRUM  
RESOURCE ALLOCATION  
Examiner : Alpus Hsu  
Group Art Unit : 2665  
Docket No. : TACHYON.039A  
Customer No. : 20,995

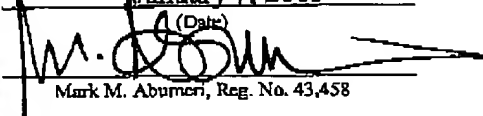
Confirmation No. : 3012

**CERTIFICATE OF FAX TRANSMISSION  
PTO CENTRALIZED FAX**

I hereby certify that this correspondence and all  
marked attachments are being transmitted via  
facsimile to the USPTO centralized Fax No.  
(703) 872-9306 on the date shown below:

January 7, 2005

(Date)



Mark M. Abumari, Reg. No. 43,458

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated October 7, 2004 (Paper No. 18), Applicant submits the following amendments and remarks for consideration in the above-identified application.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.

JAN 07 2005

Docket No.: TACHYON.039A

Customer No.: 20,995

**AMENDMENT / RESPONSE TRANSMITTAL**

Applicant : Carneal, et al.  
 App. No. : 09/407,645  
 Filed : September 28, 1999  
 For : METHOD AND SYSTEM  
       FOR FREQUENCY  
       SPECTRUM RESOURCE  
       ALLOCATION  
 Examiner : Hsu, Alpus  
 Art Unit : 2665

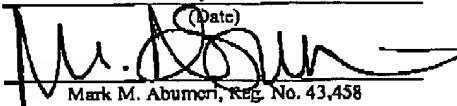
CONFIRMATION NO.: 3012

CERTIFICATE OF FAX TRANSMISSION  
PTO CENTRALIZED FAX

I hereby certify that this correspondence and all  
marked attachments are being transmitted via  
facsimile to the USPTO centralized Fax No.  
(703) 872-9306 on the date shown below:

January 7, 2005

(Date)

  
 Mark M. Abumeri, Reg. No. 43,458

**Mail Stop Amendment**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

(X) Amendment and Response to Office Action in 13 pages.

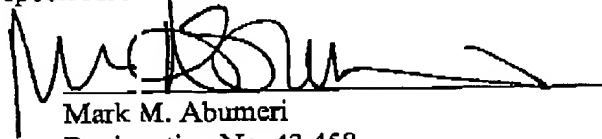
The fee has been calculated as shown below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims	30 - 68 =	1202 (\$50)	0 x 25 =	\$0
Independent Claims	8 - 12 =	1201 (\$200)	0 x 10 =	\$0
Multiple Claim		1203 (\$360)		\$
1 Month Extension		1251 (\$120)		\$
2 Month Extension		1252 (\$450)		\$
3 Month Extension		1253 (\$1,020)		\$
			<b>TOTAL FEE DUE</b>	<b>\$0</b>

Docket No.: TACHYON.039A

Customer No.: 20,995

- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.



Mark M. Abumeri  
Registration No. 43,458  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

S:\DOCS\MMA\MMA-9421.DOC\ves\010705